

Getting Started

Table of contents

1 Pre-Installation.....	2
2 Installation.....	2
3 Plug-ins: Processing Profiles.....	2
4 Usage.....	3
5 Directory Structure.....	3
6 Demonstration.....	3

1. Pre-Installation

- 1) Download the adore-archive installer from Download section.
- 2) Untar contents to a temp directory
- 3) From the temp dir, follow the installation instructions below.

2. Installation

- 1) Change DB Passwords defined in createdb.sql
 - Open the createdb.sql file located in the installer directory
 - Replace each instance of 'ymca213' with a password of your preference.
 - Save file.
- 2) Log-in to mysql command line utility
 - Use command 'mysql -u root -p' to log-in as root
 - Enter root password when prompted
- 3) Run source command to create arc_registry & tape_registry databases and associated database users.
 - Use command 'source <absolute_path_to_createdb.sql>
- 4) To launch the installer, run the following:

 For Linux / Mac OS-X:
 Console Install:
 sh install.sh text

 GUI Installer:
 sh install.sh

 For Windows:
 - Double-click install.cmd to launch installer

 IMPORTANT: Windows File Path References should use forward slashes (/) instead of back slashes (\) i.e. c:/apps/adoreArchive.

3. Plug-ins: Processing Profiles

With this release, the following plug-in implementations are provided:

Package: gov.lanl.archive.impl
 * StandardProcessor

In this example, source XMLtape/ARCfiles are copied to their respective

archive storage directories.

4. Usage

1. From the bin directory, run the following command:

Syntax:

```
sh ./adoreArchive.sh --config <archiveProp> --profile <collectionPrefix>
--xmldata <xmlTapePath> --arcfile <arcFilePath>
```

Example:

```
sh ./adoreArchive.sh --config /home/rchute/sourceData/archive.properties
--profile sci --xmldata /home/rchute/sourceData/tape/sci/
```

5. Directory Structure

```
bin
| - env.sh - System environment set-up, called by main script
| - log4j.properties - Defines debug level for application
| - adoreArchive.sh - Main Adore Archive Application (Linux/Unix)
| - adoreArchive.bat - Main Adore Archive Application (Windows)
| - demo.sh - Demonstration Script (Linux/Unix)
| - demo.bat - Demonstration Script (Windows)
data
| - arc - Default ARCfile Storage Directory
| - tape - Default XMLtape Storage Directory
etc
| - moai - Contains oai-repo-accessor
| - demo - Contains sample XMLtapes/ARCfiles for demonstration purposes
| - archive.properties - Main Adore Archive Properties File
lib - Necessary libraries for application
```

6. Demonstration

Before running the demonstration script, ensure your Tomcat and MySQL services are running.

To verify your Tomcat instance is running, open <http://localhost:8080/>.

To verify your MySQL instance is running, log in using the arc_registry user using the following command: `mysql -u arc_registry -p <password>`.

1) Run the following command:

```
sh ./demo.sh <install_dir>
```

2) Verify XMLTape Registry:

`http://localhost:8080/adore-xmltape-registry/OAIHandler?verb=ListRecords&metadataPrefix`

3) Verify ARCFile Registry:

`http://localhost:8080/adore-arcfile-registry/OAIHandler?verb=ListRecords&metadataPrefix`

4) Verify Archive Accessor:

`http://localhost:8080/adore-archive-accessor/Handler/demoTape?verb=ListRecords&metadata`

5) Verify ARCFile Resolver:

`http://localhost:8080/adore-arcfile-resolver/resolver?res_id=info:lanl-repo/arc/472de88`